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### **FACSIMILE TRANSMISSION**

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March 30, 2004

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Patent and Trademark Office	703/872-9306	703/308-1202

FROM:

Martha A. Robinson

USER ID:

MR10031

FLOOR:

20

PHONE:

(512) 536-5616

FAX:

(512) 536-4598

RE:

Information Disclosure Statement and Supplemental Information Disclosure Statement

NUMBER OF PAGES WITH COVER PAGE:

12

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Thank you for your attention to this matter.								
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### FULBRIGHT & JAWORSKI L.L.P.

A REGISTERED LIMITED LIABILITY PARTNERSHIP 600 CONGRESS AVENUE, SUITE 2400 AUSTIN, TEXAS 78701-3271 WWW.FULBRIGHT.COM

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March 30, 2004

CERTIFICATE OF FACSIMILE TRANSMISSION 37 C.F.R. § 1.8

I hereby certify that this correspondence is being transmitted to: Commissioner for Patents, Washington, D.C. 20231, Attn: Examiner Russell Sallis GAU 1638, facsimile number (703)872-9205 or the date below:

March 30, 2004

Date

Robert E. Hanson

Russell Kallis, Examiner Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

RE:

U.S. Patent Application No. 09/885,723 entitled "TRANSGENIC PLANTS

CONTAINING ALTERED LEVELS OF STERIOD COMPOUNDS" - Balasulojini

Karunanandaa et al.

Our reference: MONS:018US Client reference: 51906-US 01

#### Dear Examiner Kallis:

After reviewing each of the Office Actions and the Notice of Allowability, it has come to our attention that the original Information Disclosure Statement, Form PTO-1449 and 25 references submitted on October 26, 2001 and the Supplemental Information Disclosure Statement, Form PTO-1449 and 1 reference submitted on November 30, 2001, were considered by the Examiner but appear to have inadvertently not been initialed as considered. For your convenience enclosed is a copy of the Information Disclosure Statement and Form PTO-1449 filed on October 26, 2001 and the Supplemental Information Disclosure Statement and Form PTO-1449 filed on November 30, 2001. Also enclosed is a copy of the Express Mail slip stamped by the U.S. Post Office and PTO stamped postcard for each of these IDSs indicating the documents submitted. The copies of the references previously submitted have not been enclosed. Please let us know if you would like us to resubmit those as well.

25400214.1

Commissioner for Patents March 30, 2004 Page 2

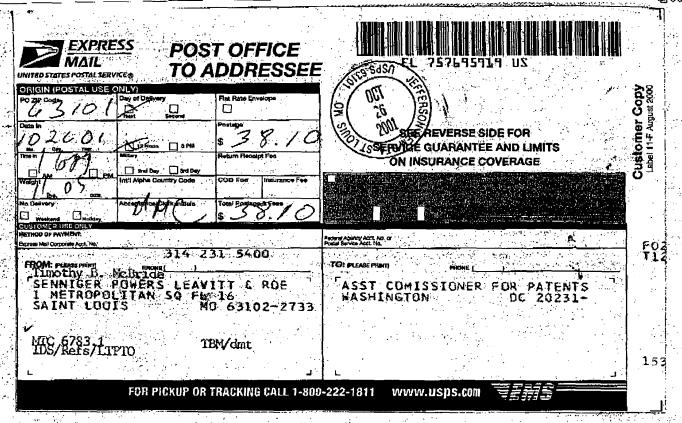
Therefore, please review and approve the Information Disclosure Statement and Supplemental Information Disclosure Statement. If you need additional information, please let us know.

Thank you for your assistance in this matter.

Respectfully submitted,

Robert E. Hanson Reg. No. 42,628

REH/mar Encl: as noted



MISCEI	LANEOUS (390)
File MIC 6783.1 Clicat Name Monsanto Company	AltosneyTBM/dint
Inventor(s) or Mark Balasulojini k	Karrumanandaa
Serial No. 09/885,723	Patent/Reg. No.
The following has been received by the U.S. Paten	t and Trademark Office on the date stamped hereon:
☐ Amendment	☐ Fee Transmittal Form
☐ Preliminary Amendment	☐ Combined Declaration/Power of Attorney
☐ Response to Missing Parts	☐ Notice of Appeal
☐ Assignment and Cover Sheet	Cr Status Inquiry References
DBrief	References  Sheet(s) of Drawing(s)  Sheet to Official Draftsman
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Declaration Declaration	☐ Extension of Time to Oppose
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MTC 6783.1 PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Balasulojini Karunanandaa Serial No. 09/885,723 Filed June 20, 2001 Confirmation No. 3330 For TRANSGENIC PLANTS CONTAINING ALTERED LEVELS OF STEROID COMPOUNDS

October 26, 2001

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS.

SIR:

### INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit copies of the references listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

This Information Disclosure Statement is being submitted pursuant to 37 C.F.R. §1.97(b), in that applicants believe that it is being filed prior to the mailing date of the first Office action on the merits. Accordingly, neither a statement nor fee under 37 C.F.R. §1.97(c) or (d) is required.

Please note that Applicants are submitting herewith an English abstract of a reference, and an English summary of the contents of the same reference in the specification at page 7 attached thereto. However, Applicants make no representation as to the accuracy or completeness of either the English abstract or the English translation within the specification.

Upon review of the articles to be submitted in this Information Disclosure Statement, applicants became aware that one article was incorrectly cited in the application, and therefore, the wrong article was obtained. Applicants are currently in the process of obtaining the correct article and will submit it as soon as it is received. The proper citation for this article is Bard, M. and Downing, J.F., "Genetic and biochemical aspects of yeast sterol regulation involving 3-

MTC 6783.1 PATENT

hydroxy-3-methylglutaryl coenzyme A reductase," J. Gen. Microbiol., Vol. 125:1981, pp. 415-420.

Respectfully submitted,

G. Harley Blosser, Reg. No. 33,650

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St. Louis, Missouri 63102

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PTO/SB/0	)8A			Complete if Known		
INF	ORMATION	DISC	LOSURE	Application Number	09/885,723	
	ATEMENT E			Filing Date	June 20, 2001	
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,	· •			First Named Inventor	Balasulojini Karunanandaa	
	•			Group Art Unit	TBA	
				Examiner Name	ТВА	
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			U.S. Patent Docum	nent				
Examiner Initials*	Cite No.1	Number		Kind Code <sup>2</sup> (If known)	Name of Patentee or Applicant of Cited Document	Date of Publication of C Document MM-DD-YYYY	ited	
	1	5,306,8	62		Chappell, et al.	04-26-1994		
	2	5,349,1	26		Chappell, et al.	09-20-1994		
	3	5,365,017 5,460,949			Chappeil, et al.	11-15-1994		
	4				Saunders, et al.	10-24-1995		
	5	5,480,805			Wolf, et al.	01-02-1996		
	6	5,589,619			Chappell, et al.	12-31-1996		
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Examiner Initials*	Cite No.1	Office Number <sup>4</sup> Code		Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
<del></del> 7	7		WO 93/02187		Somerville, et al.	02-04-1993		
	8		WO 97/03202		Phillips, et al.	01-30-1997		
	9		WO 97/34003		Covello, et al.	09-18-1997		

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered.

1. Include copy of this form with next communication to applicant.

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<sup>\*</sup>Unique ditation designation number. \*See attached Kinds of U.S. Patent Documents. \*Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

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	10		wo	98/45457			Kammercr		10-15-1998	<u> </u>
	11		wo	00/61771	L		Venkatramesh, et al.		10-19-2000	
	12		wo	01/31027 A1			Harker, et al.		03-05-2001	L.
, ,	13		EP 0	480730A2			Chappell, et al.		04-15-1992	
	14		EP 0	486290A2			Saunders, et al.		05-20-1992	
	15			9121863 (lish abstract)			Yaşunori, et al.	•	05-13-1997	
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	18	GIL, GRI Degradat	EGOI	UO, et al., "Mem f the Enzyme," Co	brane-l ell, vo.	Bound 41, M	l Domain of HMG CoA Reductes 1ay, 1985, pp. 249-258.	e is Rec	quired for Sterol-Enhanced	
	19	Methyigh	SCHALLER, HUBERT, et. al., "Expression of the Hevea brasilicusis (H.B.K.) Mill. Arg. 3-Hydroxy-3- Methylglutaryl-Coenzyme A Reductase 1 in Tobacco Results in Sterol Overproduction," Plant Physiol., Vol. 109, 1995, pp. 761-770.							
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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

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PTO/SB/08A				Complete if Known			
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				Group Art Unit	ТВА		
				Examiner Name	TBA		
Sheet	3	of	3	Attorney Docket No.	MTC 6783.1		

	21	DALE, SUSAN, et al., "Bacterial Expression of the Catalytic Domain of 3-hydroxy-3-methylglutaryl-CoA Reductase (Isoform HMGR1) from Arabidopsis Thaliana, and its Inactivation by Phosphorylation at Ser577 by Brassica Oleracea 3-hydroxy-3-methylglutaryl-CoA reductase Kinase," Eur. J. Biochem, Vol. 233, 1995, pp. 506-513.
	22	DOWNING, JAMES, F., et al., "The Isolation of two Mutants of Saccharomyces Cerevisiae which Demonstrate Increased Activity of 3-Hydroxy-3-Methylglutaryl Coenzyme a Reductase," Biochemical and Biophysical Research Communications, Vol. 94, No.3, June 16, 1980, pp. 974-979.
	23	CHIN, DANIEL J., et al., "Nucleotide Sequence of 3-hydroxy-3-methyl-glutaryl Coenzyme A Reductase, a Glycoprotein of Endloplasmic Reticulum," Nature, Vol. 308, No. 5960, April 12-18, 1984, pp. 613-617.
•• <u>•</u> •••••	24	BASSON, MICHAEL E., et al., "Structural and Functional Conservation between Yeast and Human 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductases, the Rate-Limiting Enzyme of Sterol Biosynthesis," Molecular and Cellular Biology, Vol. 8, No. 9, Sept. 1998, pp. 3797-3808.
	25	REGISTER, JAMES, C., et. al., "Structure and Function of Selectable and non-selectable Transgenes in Maize after Introduction by Particle Bombardment," Plant Mol. Biol. Vol. 25., 1994, pp., 951-961.

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Examiner	·	Considered	`	
Signature	<u> </u>	<u> </u>		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation it not in conformance and not considered.

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<sup>1</sup>Unique citation designation number. <sup>3</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that Issued the document, by the two-letter code (WIPO Standard ST.3). \*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the senial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. \*Applicant is to place a check mark here if English language Translation is attached.

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Inventor(s) or Mark Karunanandaa	
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The following has been received by the U.S. Paten	t and Trademark Office on the date stamped hereon:
Amendment	☐ Fee Transmittal Form
☐ Preliminary Amendment	☐ Combined Occlaration/Power of Attorney
Response to Missing Parts Notice	☐ Notice of Appeal
☐ Assignment and Cover Sheer	□ Status Inquiry
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☐ Maintenance i ce	☐ Statement of Use
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☐ Other	

## EL739387488US

MTC 6783.1 PATENT

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Balasulojini Karunanandaa Serial No. 09/885,723 Filed June 20, 2001 Confirmation No. 3330 For TRANSGENIC PLANTS CONTAINING ALTERED LEVELS OF STEROID COMPOUNDS

November 29, 2001

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS,

SIR:

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicants submit copies of the reference listed on the attached PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record therein.

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Specifically, this is the article that was referenced in the letter accompanying applicants' Information Disclosure Statement. As stated in that letter, applicants inadvertently obtained the wrong article initially. Applicants, having now obtained the correct article, are submitting it herewith.

Respectfully submitted,

G. Harley Blosser, Reg. No. 33,650

SENNIGER, POWERS, LEAVITT & ROEDEL

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St. Louis, Missouri 63102

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PAGE 11/12 \* RCVD AT 3/30/2004 4:38:51 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-1/9 \* DNIS:8729306 \* CSID:512 536 4598 \* DURATION (mm-ss):04-08

PTO/SB/08A		Complete if Known			
SUPPLEMENTAL INFORMATION DISCLOSURE				Application Number	09/885,723
				Filing Date	June 20, 2001
STATEMENT BY APPLICANT				Confirmation Number	
(use as many sheets as necessary)			necessary)	First Named Inventor	Balasulojini Karunanandaa
		Group Art Unit	TBA		
				Examiner Name	TBA
Sheet	1	of	11	Attorney Docket No.	MTC 6783.1

		Մ.	.s. PATEN	T DOCUMENTS		
Examiner Cite Initials* No.1	U.S. Patent Document					
		Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		OTHER ART - N	ON PATEN	T LITERATURE DOCUMEN	TS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			76	
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<sup>\*</sup>EXAMINER: Initial it reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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